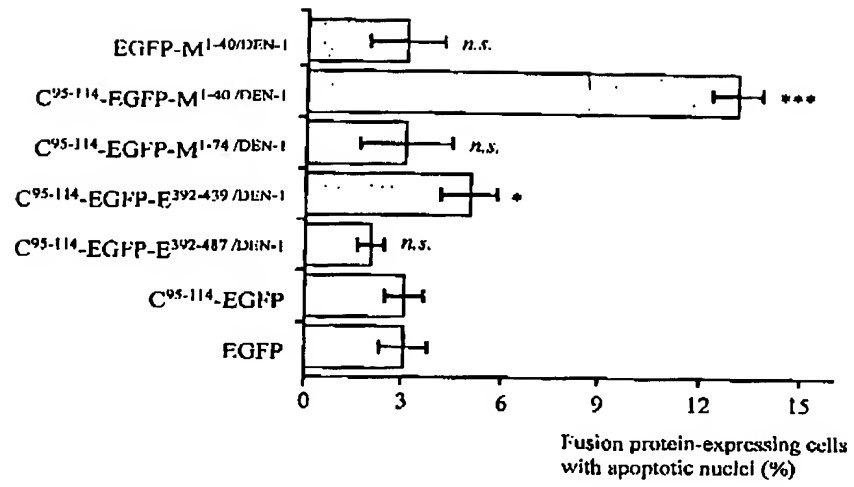
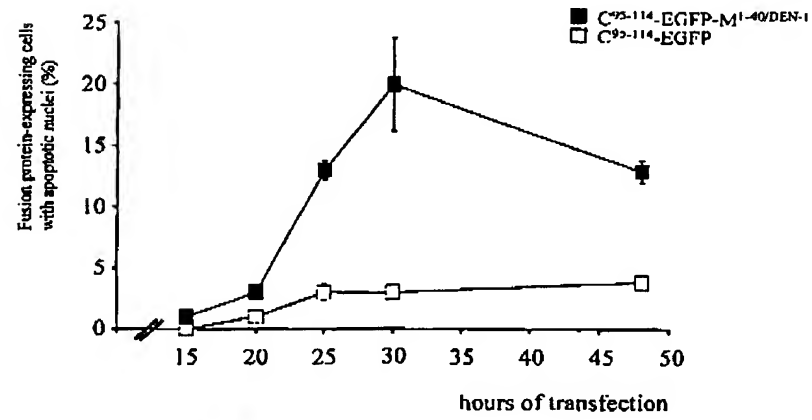


FIGURE 1.

A.



B.



C.

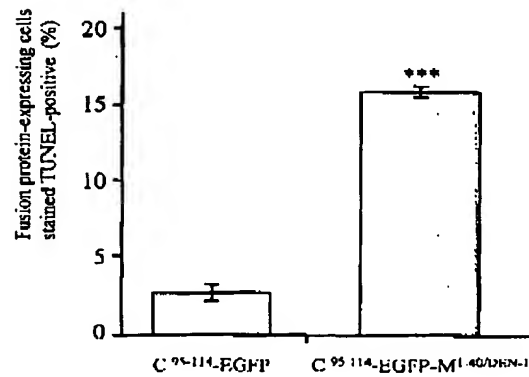


FIGURE 2

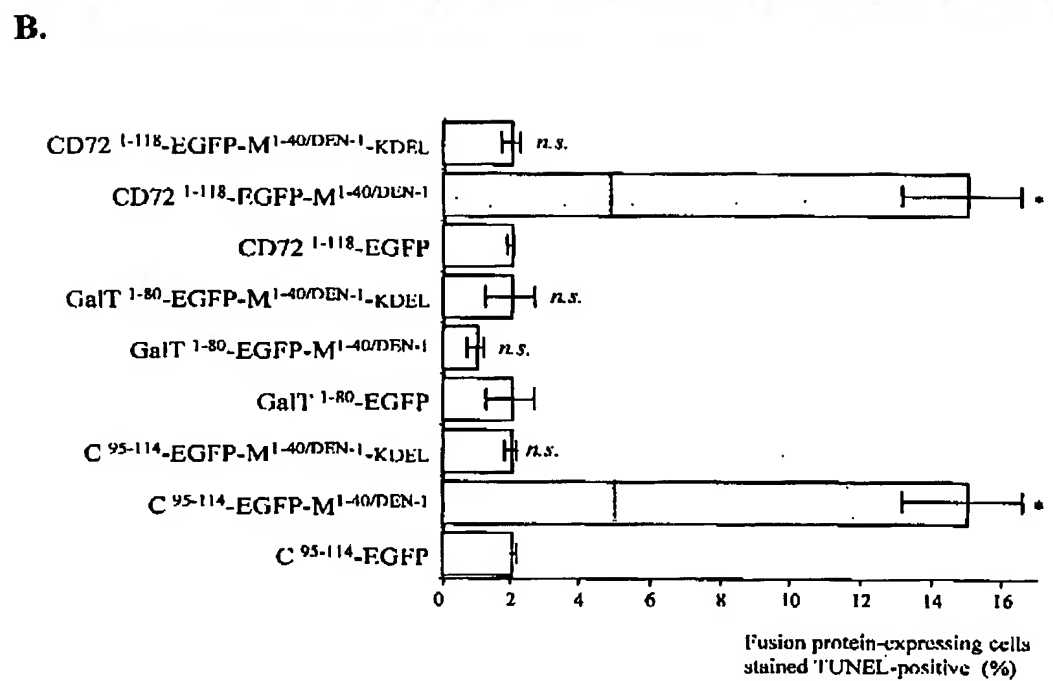
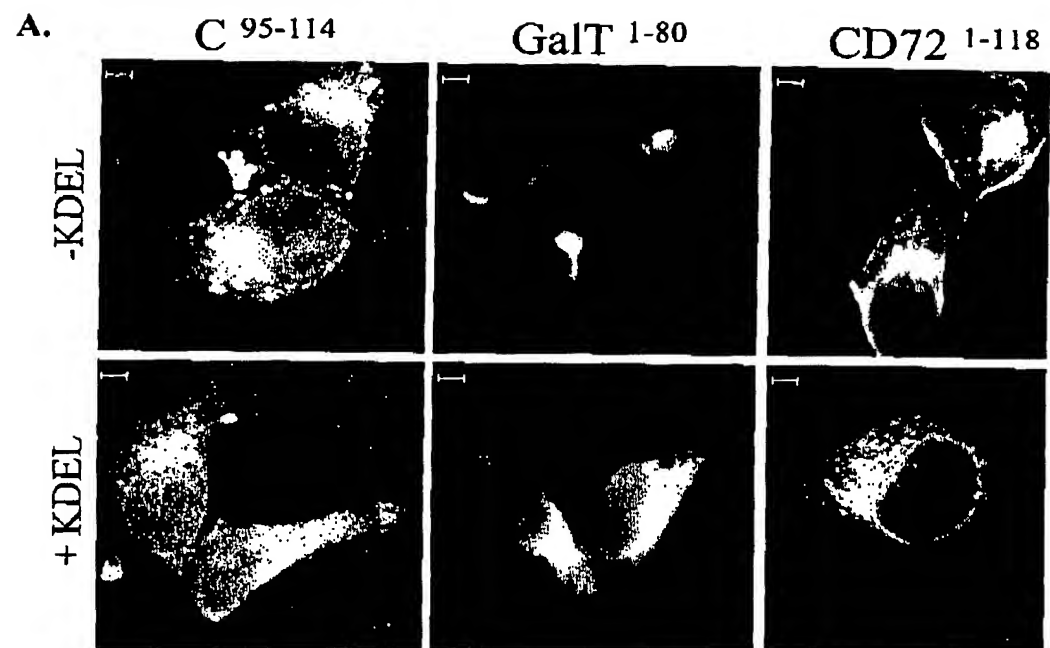
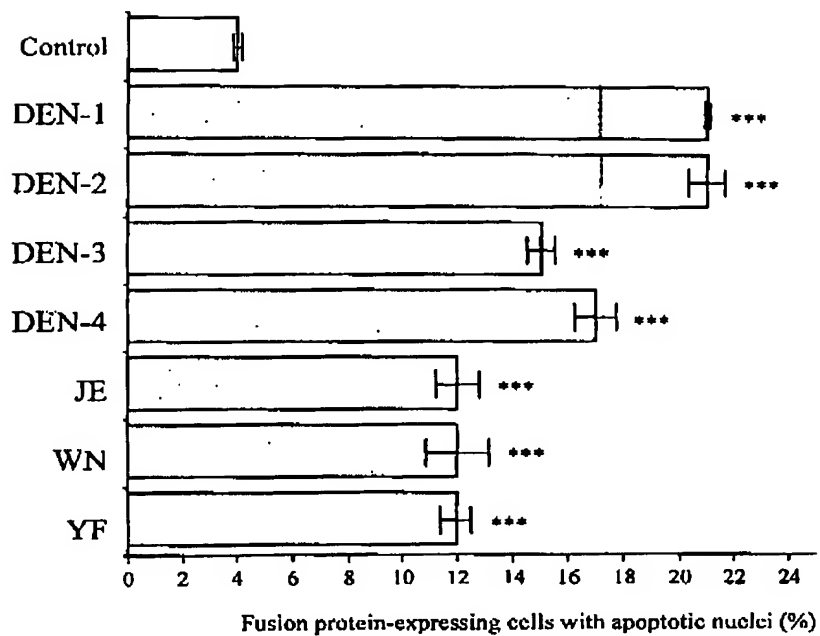


FIGURE 3

A.



B.

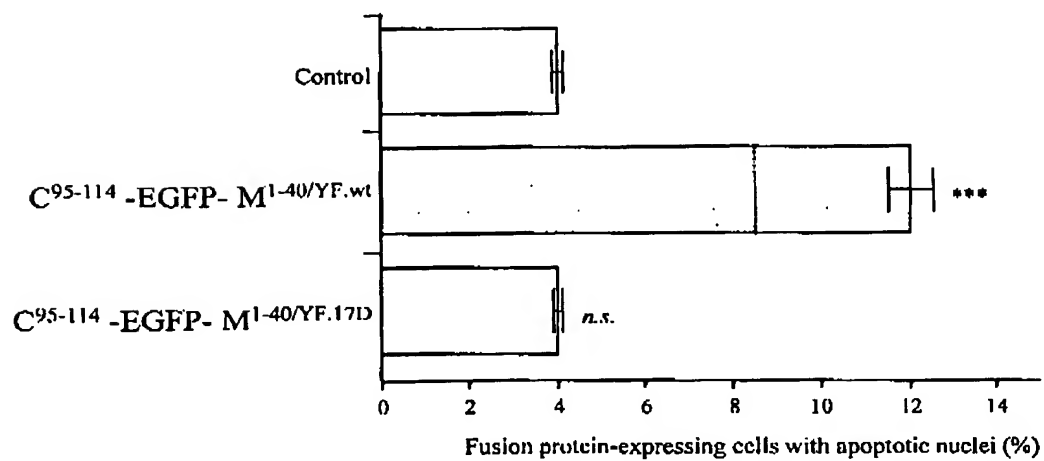
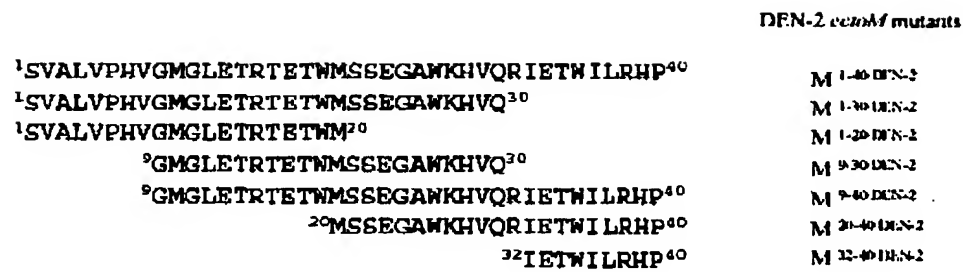
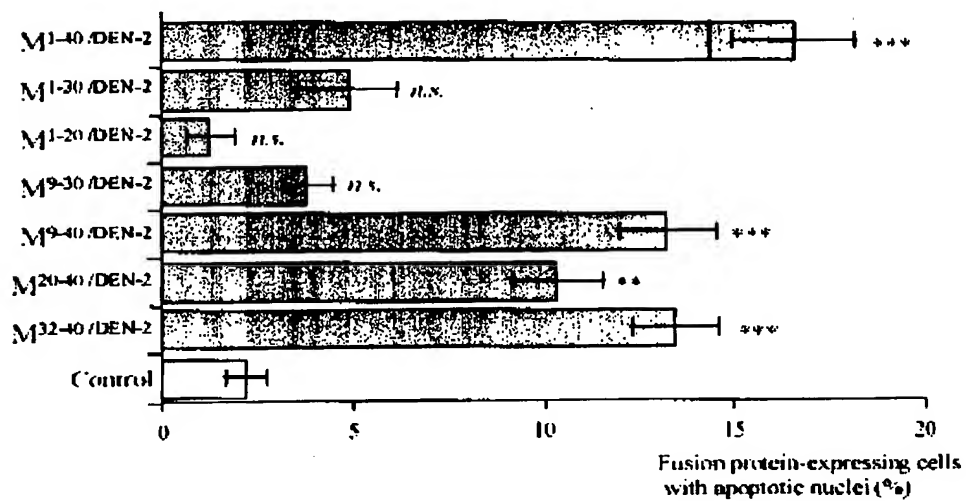


FIGURE 4

A.



B.



C.

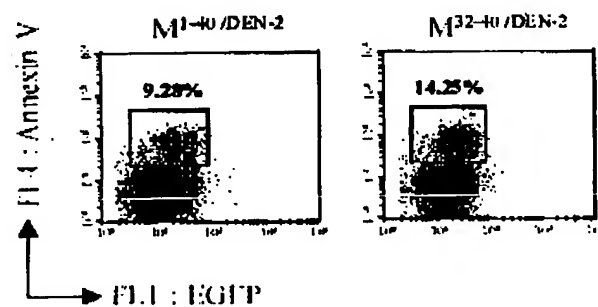


FIGURE 5

A.

ecto-M

* * * * *
¹AIDLPTHENHGLKTRQEKWMTGRMGERQLQKIERWFVRNP⁴
 1-----T-IL-H-
 ..
¹SVALVPHVGMGLETRTETWMSSEGAWKHVQRIETWILRHP⁴
 1-----F-----
 ..

Mutant proteins

M^{1-40/YF.17D}
 M^{1-40/YF.17D} (T³⁴, I³⁶, L³⁷, H³⁹)
 M^{1-40/DEN-2}
 M^{1-40/DEN-2} (F³⁶)

B.

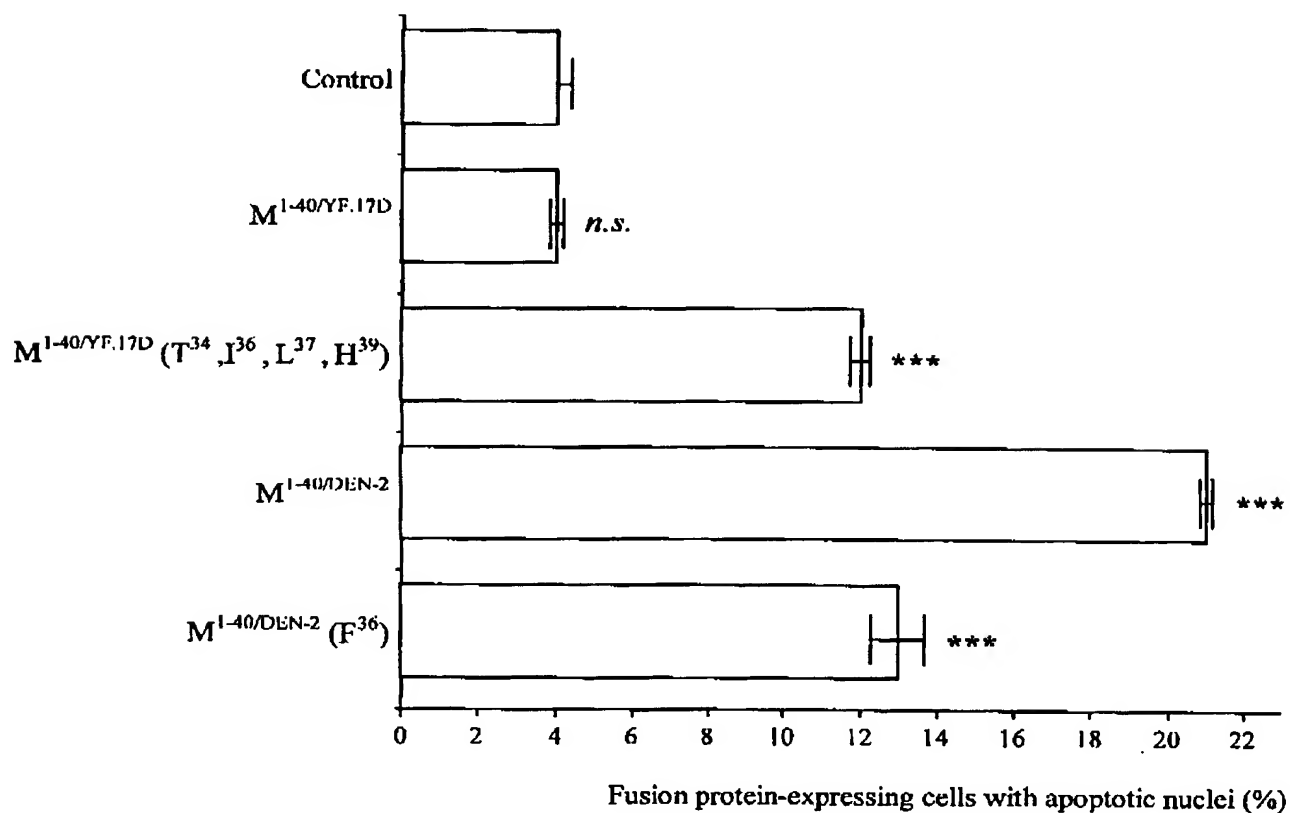


FIGURE 6

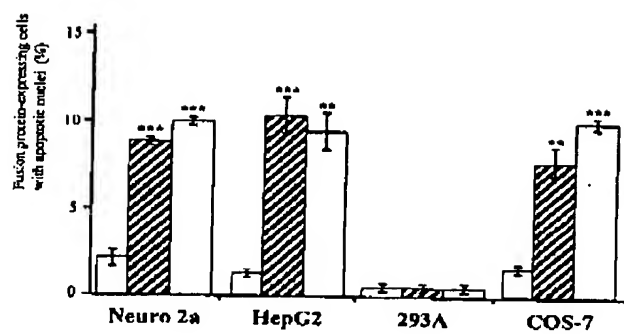


FIGURE 7

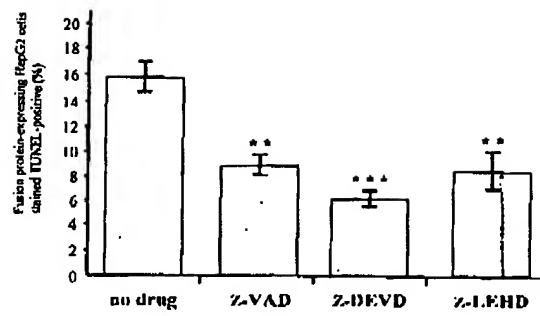
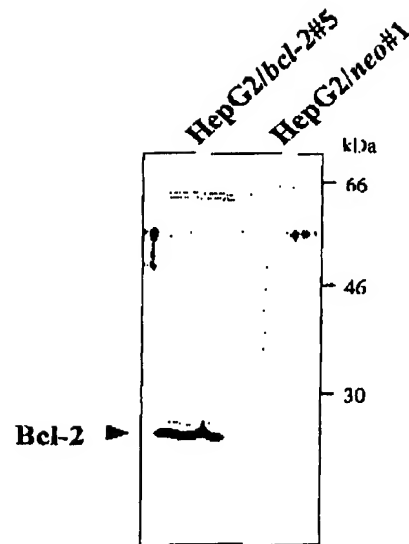
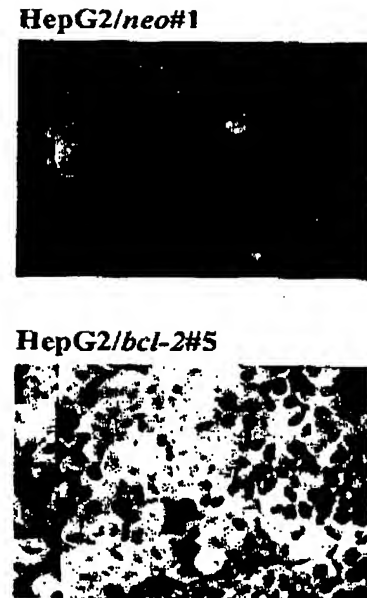


FIGURE 8

A.



B.



C.

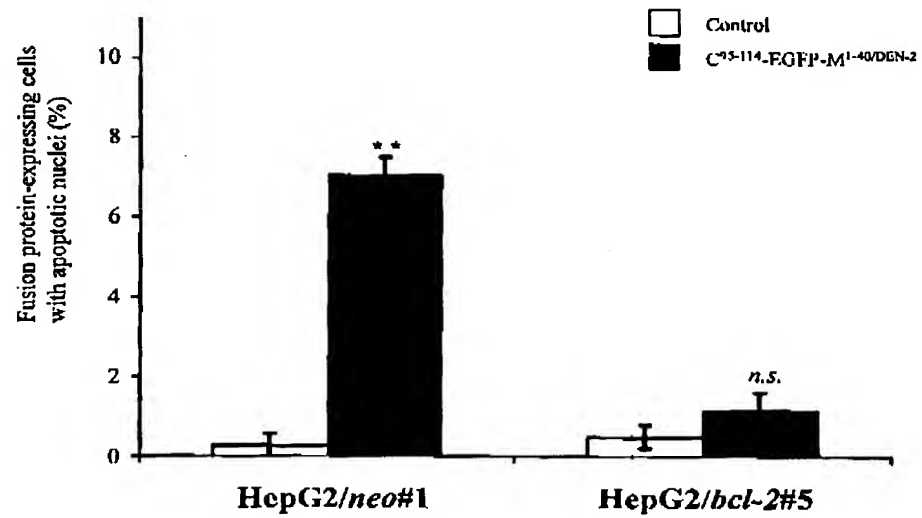


FIGURE 9

SVALAPHVGLGLETRTETWMSSEGAWKQIQKVETWALRHP DEN-1
 ----V----M-----HA-RI---I---- DEN-2
 -----M--D---Q---A---R-VE----- DEN-3
 ----T--S-M-----A-----HA-R--S-I--N- DEN-4
 AID-PT-ENH--K--Q-K--TGRMGER-L--I-R-FV-N- YFV 17D
 -LTVQT-GEST-ANKKGA--D-TK-TRYLV-T-S-I--N- WNV
 --SVQT-CESS-VNKKEA-LD-TK-TRYLM-T-N-IV-N- JEV

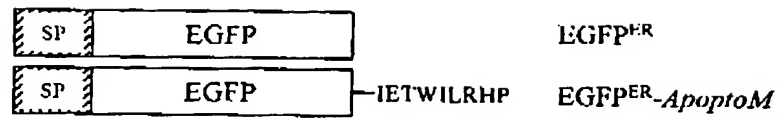
Sub-sequence of 9 aminoacids

GenBank Acession Number (DEN-1) AAB27904

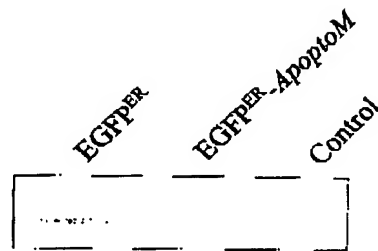
²⁰⁶SVALAPHVGLGLETRTETWMSSEGAWKQIQK²³⁶ ²³⁷VETWALRHP²⁴⁵
 1-----31 32-----40
 ----V----M-----HA-R I---I---- DEN-2
 -----M--D---Q---A---R-VE- ----- DEN-3
 ----T--S-M-----A-----HA-R --S-I--N- DEN-4
 AID-PT-ENH--K--Q-K--TGRMGER-L- I-R-FV-N- YFV 17D
 -LTVQT-GEST-ANKKGA--D-TK-TRYLV- T-S-I--N- WNV
 --SVQT-CESS-VNKKEA-LD-TK-TRYLM- T-N-IV-N- JEV

FIGURE 10

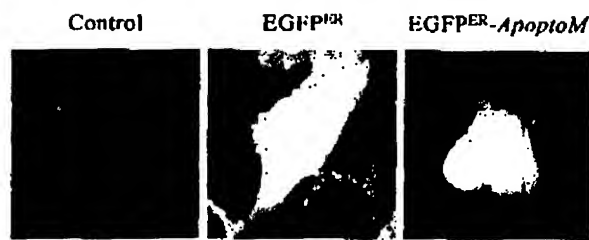
A.



B.



C.



D.

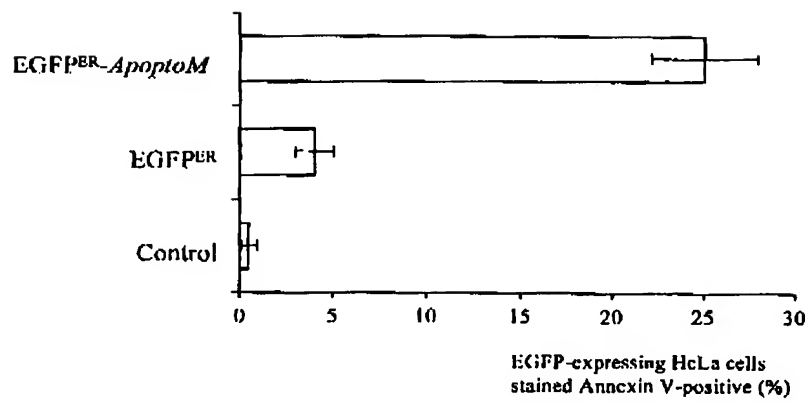
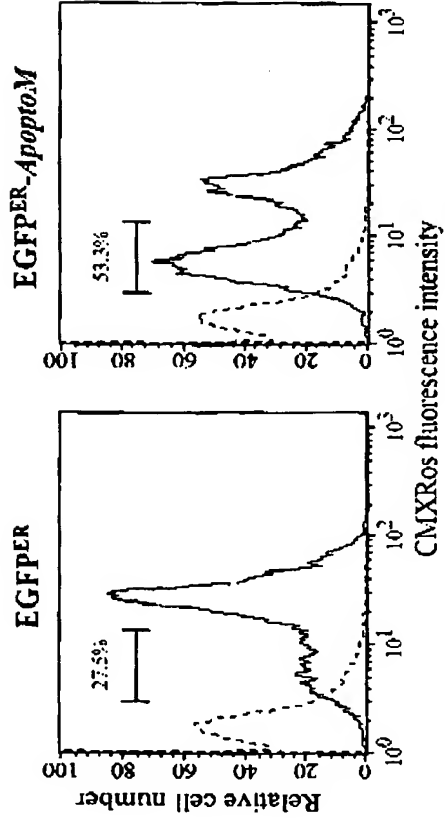
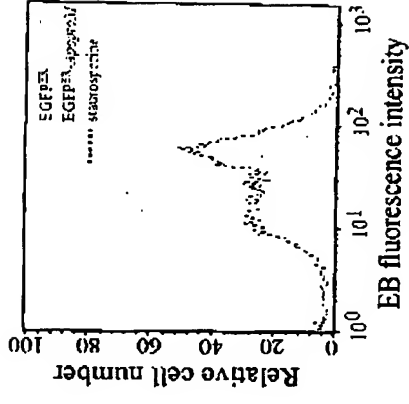


FIGURE 11

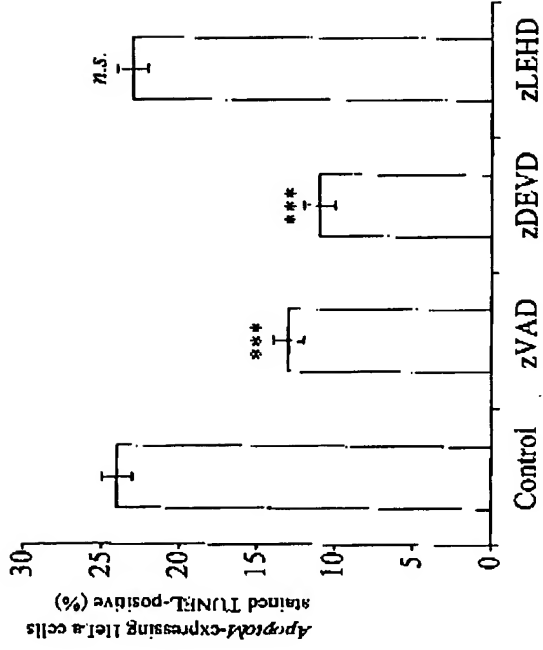
A.



B.



C.



D.

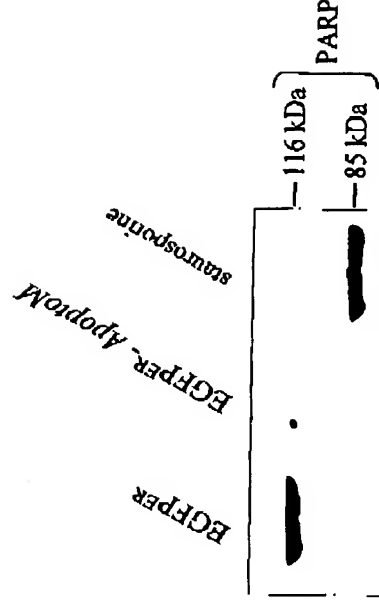
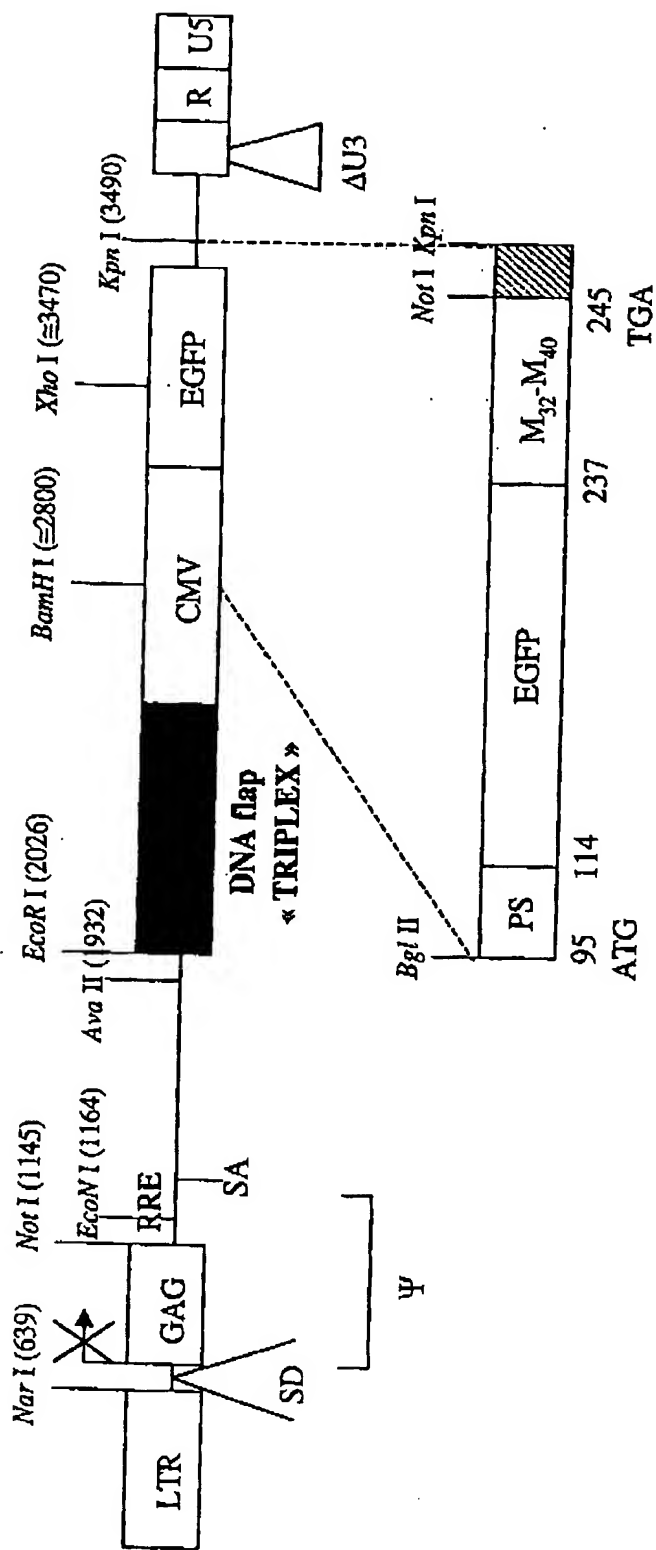


FIGURE 12

Construction of tripΔU3 CMV GFP



Construction établie

- tripΔU3CMV[95-114]EGFP [M₃₂-M₄₀]DEN-2

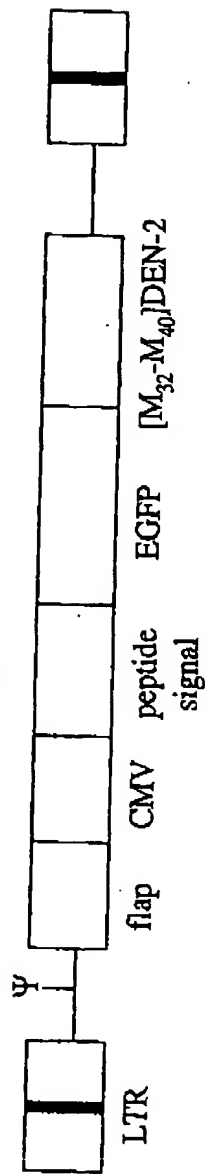


FIGURE 13